RAW SEQUENCE LISTING   DATE: 04/17/2001
PATENT APPLICATION: US/09/641,931A   TIME: 14:39:26

Input Set : A:\Robic1.app
Output Set: N:\CRF3\04172001\I641931A.raw

ENTERED

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 3 <110> APPLICANT: Phenogene Therapeutiques Inc.
 5 <120> TITLE OF INVENTION: Nucleic Acid Molecule, Method and Kit for Selecting a
 6       Nucleic Acid Having A Desired Feature
 8 <130> FILE REFERENCE: 2003390-0001
10 <140> CURRENT APPLICATION NUMBER: 09/641,931A
11 <141> CURRENT FILING DATE: 2000-08-18
13 <160> NUMBER OF SEQ ID NOS: 32
15 <170> SOFTWARE: PatentIn Ver. 2.1
17 <210> SEQ ID NO: 1
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19 <212> TYPE: DNA
20 <213> ORGANISM: Artificial Sequence
22 <220> FEATURE:
23 <223> OTHER INFORMATION: sequence is completely synthesized
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31 <212> TYPE: DNA
32 <213> ORGANISM: Artificial Sequence
34 <220> FEATURE:
35 <223> OTHER INFORMATION: sequence is completely synthesized
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38 tcaccactct tctgtccctt c                                         21
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42 <211> LENGTH: 25
43 <212> TYPE: DNA
44 <213> ORGANISM: Artificial Sequence
46 <220> FEATURE:
47 <223> OTHER INFORMATION: sequence is completely synthesized
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54 <211> LENGTH: 21
55 <212> TYPE: DNA
56 <213> ORGANISM: Artificial Sequence
58 <220> FEATURE:
59 <223> OTHER INFORMATION: sequence is completely synthesized
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68 <213> ORGANISM: Artificial Sequence
70 <220> FEATURE:
71 <223> OTHER INFORMATION: sequence is completely synthesized
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79 <212> TYPE: DNA
80 <213> ORGANISM: Artificial Sequence
82 <220> FEATURE:
83 <223> OTHER INFORMATION: sequence is completely synthesized
85 <400> SEQUENCE: 6
86 gctctcgagg aaggcacagc tgctttccac                           30
89 <210> SEQ ID NO: 7
90 <211> LENGTH: 30
91 <212> TYPE: DNA
92 <213> ORGANISM: Artificial Sequence
94 <220> FEATURE:
95 <223> OTHER INFORMATION: sequence is completely synthesized
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98 cttctcgagc agtttaaacg tgagcttccc                           30
101 <210> SEQ ID NO: 8
102 <211> LENGTH: 30
103 <212> TYPE: DNA
104 <213> ORGANISM: Artificial Sequence
106 <220> FEATURE:
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114 <211> LENGTH: 47
115 <212> TYPE: DNA
116 <213> ORGANISM: Artificial Sequence
118 <220> FEATURE:
119 <223> OTHER INFORMATION: sequence is completely synthesized
121 <400> SEQUENCE: 9
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126 <211> LENGTH: 43
127 <212> TYPE: DNA
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130 <220> FEATURE:
131 <223> OTHER INFORMATION: sequence is completely sunthesized
133 <400> SEQUENCE: 10
134 ccgctccgac acattgccgt gaccagtggt gctgcagatc tgc            43
137 <210> SEQ ID NO: 11
138 <211> LENGTH: 60
139 <212> TYPE: DNA
140 <213> ORGANISM: Artificial Sequence
142 <220> FEATURE:
143 <223> OTHER INFORMATION: sequence is completely synthesized
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162 <211> LENGTH: 24
163 <212> TYPE: DNA
164 <213> ORGANISM: Artificial Sequence
166 <220> FEATURE:
167 <223> OTHER INFORMATION: sequence is completely synthesized
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173 <210> SEQ ID NO: 14
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175 <212> TYPE: DNA
176 <213> ORGANISM: Artificial Sequence
178 <220> FEATURE:
179 <223> OTHER INFORMATION: sequence is completely synthesized
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186 <211> LENGTH: 18
187 <212> TYPE: DNA
188 <213> ORGANISM: Artificial Sequence
190 <220> FEATURE:
191 <223> OTHER INFORMATION: sequence is completely synthesized
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198 <211> LENGTH: 20
199 <212> TYPE: DNA
200 <213> ORGANISM: Artificial Sequence
202 <220> FEATURE:
203 <223> OTHER INFORMATION: sequence is completely synthesized
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211 <212> TYPE: DNA
212 <213> ORGANISM: Artificial Sequence
214 <220> FEATURE:
215 <223> OTHER INFORMATION: sequence is completely synthesized
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227 <223> OTHER INFORMATION: sequence is completely synthesized
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234 <211> LENGTH: 60
235 <212> TYPE: DNA
236 <213> ORGANISM: Artificial Sequence
238 <220> FEATURE:
239 <223> OTHER INFORMATION: sequence is completely synthesized
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245 <210> SEQ ID NO: 20
246 <211> LENGTH: 20
247 <212> TYPE: DNA
248 <213> ORGANISM: Artificial Sequence
250 <220> FEATURE:
251 <223> OTHER INFORMATION: sequence is completely synthesized
253 <400> SEQUENCE: 20
254 tagtcagcat agtacatttc                                        20
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258 <211> LENGTH: 51
259 <212> TYPE: DNA
260 <213> ORGANISM: Artificial Sequence
262 <220> FEATURE:
263 <223> OTHER INFORMATION: sequence is completely synthesized
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270 <211> LENGTH: 148
271 <212> TYPE: DNA
272 <213> ORGANISM: Artificial Sequence
274 <220> FEATURE:
275 <223> OTHER INFORMATION: sequence is completely synthesized
277 <400> SEQUENCE: 22
278 agatgaatca agcttatcga taccgtcgag catgcatcta ggtgtccaag ccatcagagg 60
279 ggaaataaag catctctacg gtggtcctaa atagtcagca tagtacattt catctgacta 120
280 atactacaac accaccacca tgaataga                             148
283 <210> SEQ ID NO: 23
284 <211> LENGTH: 18
285 <212> TYPE: DNA
286 <213> ORGANISM: Artificial Sequence
288 <220> FEATURE:
289 <223> OTHER INFORMATION: sequence is completely synthesized
291 <400> SEQUENCE: 23
292 gagtggtccg catggtga                                          18
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297 <212> TYPE: DNA
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300 <220> FEATURE:
301 <223> OTHER INFORMATION: sequence is completely synthesized
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304 aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaggggaatt tcgcgattta aatt          54
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308 <211> LENGTH: 48
309 <212> TYPE: DNA
310 <213> ORGANISM: Sindbis virus
312 <220> FEATURE:
313 <223> OTHER INFORMATION: sequence is completely synthesized
315 <400> SEQUENCE: 25
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319 <210> SEQ ID NO: 26
320 <211> LENGTH: 16
321 <212> TYPE: PRT
322 <213> ORGANISM: Sindbis virus
324 <220> FEATURE:
325 <223> OTHER INFORMATION: sequence is completely synthesized
327 <400> SEQUENCE: 26
328 Ser Ala Ala Pro Leu Val Thr Ala Met Cys Leu Leu Gly Asn Val Ser
329   1               5                  10                  15
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333 <211> LENGTH: 48
334 <212> TYPE: DNA
335 <213> ORGANISM: Artificial Sequence
337 <220> FEATURE:
338 <223> OTHER INFORMATION: sequence is completely synthesized
340 <400> SEQUENCE: 27
341 tctgcagcac cactggtcac ggcaatgtgt cggagcggaa atgtgagc               48
344 <210> SEQ ID NO: 28
345 <211> LENGTH: 16
346 <212> TYPE: PRT
347 <213> ORGANISM: Artificial Sequence
349 <220> FEATURE:
350 <223> OTHER INFORMATION: sequence is completely synthesized
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354   1               5                  10                  15
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358 <211> LENGTH: 44
359 <212> TYPE: DNA
360 <213> ORGANISM: Artificial Sequence
362 <220> FEATURE:
363 <223> OTHER INFORMATION: sequence is completely synthesized
365 <400> SEQUENCE: 29
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VERIFICATION SUMMARY   DATE: 04/17/2001
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